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at the height of Lewiston ridge, about thirty feet higher than our lake-level to-day. Then the waters flowed in a broad sheet over the mud-flat that separated the two lakes. And as this outflowing water gradually cut down into the old river-beds as the lakes subsided, the top of the clay deposit that covered the ancient peninsula appeared above the surface of the water as the earliest portion of what is now known to us as Grand Island; and as the outlet into Lake Ontario lowered, the island grew larger with the increasing depth and the narrowing of the channels on either side. But long before the island had attained any dimensions, the waters of the eastern branch of the present river had to force an outlet through the clay deposit between Tonawanda and the head of the rapids; and this outlet, deepening with the subsidence of the waters, cut off the area of Grand Island from the mainland; and the proof of this we find in the sudden decrease of the depth of the river from Tonawanda northward. — Professor Kellicott called attention to a modification of the usual pipette. The glass tube passed completely through the ball, the end of the tube being closed with a cork, or hermetically sealed; holes for suction being drilled through that portion of the tube enclosed within the ball. The advantages of this contrivance lie in the increased firmness in handling the pipette, and consequently greater suction-power.

Publications received at Editor's Office, Nov. 30-Dec. 12.

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